

**AMENDMENTS TO THE ABSTRACT**

Please replace the abstract with the following amended abstract:

~~The present invention is provided to manufacture an~~ An input and output driver is disclosed which includes comprising a DQ switch capable of reducing a total input capacitance  $C_{in}[[,]]$  by electrically isolating an output driver from a DQ pad using the DQ switch in a writing mode to reduce the capacitance due to the output driver.